

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 12 Aug 2023 until 23:59 on Sunday 13 Aug 2023

Forecast Issued on Friday 11 Aug 2023 at 15:24

Confidence: High for poor weather on Saturday, although with only moderate confidence in clearance time. Moderate confidence in Sunday and Monday, then higher for Tuesday and Wednesday as high pressure builds.

Headline for Saturday 12 Aug 2023: Wet and windy.

Mountain weather hazards on Saturday 12 Aug 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers	Light rain showers (night)
Precipitation probability							
10%	30%	80%	80%	80%	40%	40%	30%

Forecast for Saturday 12 Aug 2023

Weather: Cloud thickening overnight with outbreaks of rain from the early hours of the morning. Frequent bands of heavy, and potentially thundery, rain pushing across the park from early morning. Easing later in the afternoon, with more scattered showers during the evening.

Chance of cloud-free hill tops above 600m: 40%

Low Cloud and visibility: Patchy cloud base around 400m at first, becoming more extensive as rain bands arrive from the west. Little improvement expected until late afternoon, when bases may rise towards 600-700m for a time before lowering again into the evening. Visibility mainly good, but moderate to poor in any heavier rain and very poor in low cloud covering the hills.

Forecast for Saturday 12 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/23 SW	16/23 S	21/30 S	19/28 S	21/30 SW	20/30 SW	20/29 SW	18/26 SW	17/26 SW
300	7/19 S	6/16 S	10/22 S	13/27 S	14/29 SW	14/29 SW	14/27 SW	12/24 SW	12/25 SW
Valley	8/20 S	9/22 S	12/26 S	11/26 S	13/29 SW	14/29 SW	13/26 SW	12/25 SW	12/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	11/7	12/8	12/9	13/9	12/9	12/9	12/8
300	13/12	13/12	13/11	14/12	15/12	15/13	15/12	14/12	13/11
Valley	15/14	15/13	15/13	15/14	16/14	17/14	16/14	15/13	15/13
Freezing Level*	2100m	2500m	2500m	2700m	2700m	2400m	2500m	2500m	2500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Rain will make some paths wet and slippery, with some watercourses becoming swollen as the day progresses. Low cloud means good navigation skills will be required.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 11 Aug 2023	0mm	1mm	1mm

Forecast for Sunday 13 Aug 2023

Weather: Cloudy with fairly frequent showers until late afternoon, with the odd heavier shower possible. Best chance of brighter spells in the eastern Dales. More persistent rain is expected to arrive overnight.

Maximum wind: Southwesterly 20-25mph gusting 30-35mph

Chance of cloud-free hill tops above 600m: 60%

Low Cloud and visibility: Areas of cloud base around 300-400m at first, rising during the morning to around 700m by midday, and perhaps clearing the highest summits at times during the afternoon. Visibility generally good, but very poor in cloud covering hills, and reducing to moderate in showers.

Temperature: **Valleys:** Plus 13 Celsius rising to Plus 19 Celsius
At 600m: Plus 9 rising to Plus 13 Celsius
Freezing level: Above the summits